REMARKS

This Amendment is responsive to the Office Action of October 6, 2004. Claims 1, 11 and 14 have been amended. Claims 1 – 50 are pending in this application. Reexamination and reconsideration are respectfully requested.

The Examiner rejected Claims 14 and 16 under 35 USC 112, second paragraph, as being indefinite. This rejection, which relates to a minor typographical error and not an issue of patentability, has been overcome by an amendment to claim 14 correcting its dependency to claim 13 rather than claim 12.

The Examiner rejected Claims 1 - 4 under 35 USC 102(b) as being anticipated by Hang (5,644,268). This rejection is respectfully traversed.

The present invention as set out in claim 1 is directed to a feedforward amplifier system which employs a stored alignment list of past alignment settings and associated operating parameters characterizing the operating condition of the feed forward amplifier system to control rapid alignment of one or more of the amplifier control loops. It is respectfully submitted that the Examiner's rejection fails to properly interpret the Hang reference in applying the claim language to that reference. No alignment list of past alignment settings and associated operating parameters is disclosed in the Hang reference. The Examiner referred to the Table in cols. 5-6 of Hang as disclosing this feature but the table shown in Hang is simply a summary of measured amplifier performance data (see column 4, lines 52-61). This table is not part of the amplifier control system itself and neither the table nor its contents are 'employed' or used in any manner to control the alignment settings or affect the loop control. Furthermore, no stored list elements or equivalent storage structures for past alignment settings are

disclosed in Hang for controlling the feedforward amplifier loops. Claim 1 as amended clarifies that the "means for controlling" employs "a stored alignment list having a plurality of stored list elements, each element having an alignment setting and a collection of parameters characterizing the operating condition of the feed forward amplifier system". This claim limitation is not found in the Hang reference. Accordingly it is respectfully submitted this rejection is fully traversed.

The Examiner rejected claims 11, 12, 15, 17, 18 and 20 under 35 USC 102(a) as being anticipated by Cova et al. (6,504,428). This rejection is respectfully traversed.

It is respectfully submitted that the Examiner's rejection of the above claims also fails to properly interpret the Cova et al. reference in applying the claim language to that reference. The Cova et al. reference simply employs a DSP which monitors a pilot signal for loop control. Although the Cova et al. reference does disclose a loop control algorithm for the DSP it does not disclose a "stored alignment list" nor "an alignment list algorithm and a controller algorithm to provide loop adjustment settings to control the loop of the amplifier system, wherein said alignment list algorithm generates said list with adjustment settings computed by said controller algorithm and associates one or more attribute parameters with each adjustment setting" as set out in independent claim 11 as amended. Accordingly it is respectfully submitted this rejection is also fully traversed.

The Examiner rejected Claim 19 under 35 USC 103(a) as being anticipated by Cova et al. (6,504,428) in view of Bingham (6,771,125). This rejection is respectfully traversed.

The Bingham reference was cited by the Examiner as disclosing an input for loop test data. However, nothing in that reference discloses a stored alignment list employed

for loop control. Accordingly the above discussion equally applies to this dependent claim and it is respectfully submitted this rejection is also fully traversed.

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance and a Notice of Allowance is respectfully requested. It is requested that the Examiner telephone the undersigned attorney if it appears that any impediment remains to allowance of the application.

Respectfully submitted,

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David L. Henty
Registration No. 31,323
Myers Dawes Andras & Sherman LLP
19900 MacArthur Boulevard, Suite 1150
Irvine, CA 92612
(949) 223-9600